

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

## II. Remarks

Reconsideration and allowance of the subject application are respectfully requested.

Claims 1-52 and 54-75 are pending in the application. Claims 1, 25, 28, 30, 51, 54-57, 61 and 75 are independent.

Applicants have amended or added each of the independent claims and believes them to be allowable for the reasons to be developed below. Applicants have made minor clarifying and grammatical amendments to claims 26 and 68. Claim 75 is new. It is an alternative form of original claim 51. No new matter has been added by the amendments. Claim 53 has been canceled without prejudice or disclaimer of the subject matter recited therein.

Dealing first with the claim rejections for indefiniteness, Claim 25 has been amended to clarify that it includes a plurality of lenses. Claim 28 has been amended to provide antecedent basis for "the individual beams" in the phrase "each beam of radiation individually ...". With respect to the Examiner's comment on the appearing in Claim 28, the Applicants' refer to page 22, lines 11 and 12 of the specification and the surrounding discussion, wherein, in part, it is stated that:

One more consideration is that the angular diameter of each beam exiting a lens should exceed the angle between the axes of the beams.

Claim 30 has been amended to add reference to "an area" to provide antecedent basis for the area in claim 31. Claim 61 (amended to include the limitations of claim 25) has been amended to be consistent with the "forward from", rather than "associated with", wording of claim 25. Claim 60 has been amended to replace "beam elements" with "beam components" to provide antecedent basis for that term as used in claims 62 and 63.

Thus, any basis for the indefiniteness rejections cited by the Examiner has been remedied.

Claims 28, 30 and 61 have been rewritten in independent form as the Examiner has indicated that such claims (subject to the rejections dealt with above) and their dependent claims 31 and 62-64 would be allowable.

Each of the other independent claims requires, directly or by implication, at least two sources of radiation to emit at the same time. This has been clarified by the current amendments to Claims 1, 25, 28, 30, 51 and 61. Some of the independent claims, notably claims 25, 54-57 and 75, also include lenses.

In contrast, the lamps of Cooper et al. utilize only a single LED of a single wavelength at a time, as noted

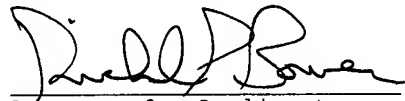
at column 4, lines 59-63 and column 5, lines 39-49. The "lens 28" referred to by the Examiner is actually the cover 44 which cover 44 blocks light from the LEDs as noted in the first passage cited above.

None of the references cited by the Examiner alone or in combination with Cooper et al remedy these and other deficiencies of the Cooper et al reference.

In view of the above amendments and remarks, it is believed that this application is now in condition for allowance, and a Notice thereof is respectfully requested.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 625-3507. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



Attorney for Applicants

Registration No. 31.528

Patent Administrator  
KATTEN MUCHIN ZAVIS  
525 West Monroe Street  
Suite 1600  
Chicago, Illinois 60661-3693  
Facsimile: (312) 902-1061